

## CLAIMS LISTING

- 1.(cancelled)
- 2.(currently amended)      Screen or panel according to claim 37  
~~claim 1~~, wherein said reflectivity is at least 90%.
- 3.(currently amended)      Screen or panel according to claim 37  
~~claim 1~~, wherein said reflectivity is at least 95%.
- 4.(currently amended)      Screen or panel according to claim 37  
~~claim 1~~, wherein said substrate has a surface roughness of  
less than 1  $\mu\text{m}$ .
- 5.(original)      Screen or panel according to claim 2, wherein  
said substrate has a surface roughness of less than 1  $\mu\text{m}$ .
- 6.(original)      Screen or panel according to claim 3, wherein  
said substrate has a surface roughness of less than 1  $\mu\text{m}$ .
- 7.(currently amended)      Screen or panel according to claim 37  
~~claim 1~~, wherein said phosphor is a CsX:Eu phosphor,  
wherein X is selected from Br and Cl
- 8.(original)      Screen or panel according to claim 2, wherein  
said phosphor is a CsX:Eu phosphor, wherein X is selected  
from Br and Cl.

- 9.(original) Screen or panel according to claim 3, wherein  
said phosphor is a CsX:Eu phosphor, wherein X is selected  
from Br and Cl.
- 10.(original) Screen or panel according to claim 4, wherein  
said phosphor is a CsX:Eu phosphor, wherein X is selected  
from Br and Cl.
- 11.(original) Screen or panel according to claim 5, wherein  
said phosphor is a CsX:Eu phosphor, wherein X is selected  
from Br and Cl.
- 12.(original) Screen or panel according to claim 6, wherein  
said phosphor is a CsX:Eu phosphor, wherein X is selected  
from Br and Cl.
- 13.(currently amended) Screen or panel according to claim 37  
~~claim 1~~, wherein said substrate is an amorphous carbon  
layer, overcoated with a reflecting layer.
- 14.(original) Screen or panel according to claim 2, wherein  
said substrate is an amorphous carbon layer, overcoated  
with a reflecting layer.
- 15.(original) Screen or panel according to claim 3, wherein  
said substrate is an amorphous carbon layer, overcoated  
with a reflecting layer.

- 16.(original) Screen or panel according to claim 4, wherein  
said substrate is an amorphous carbon layer, overcoated  
with a reflecting layer.
- 17.(original) Screen or panel according to claim 5, wherein  
said substrate is an amorphous carbon layer, overcoated  
with a reflecting layer.
- 18.(original) Screen or panel according to claim 6, wherein  
said substrate is an amorphous carbon layer, overcoated  
with a reflecting layer.
- 19.(original) Screen or panel according to claim 7, wherein  
said substrate is an amorphous carbon layer, overcoated  
with a reflecting layer.
- 20.(original) Screen or panel according to claim 8, wherein  
said substrate is an amorphous carbon layer, overcoated  
with a reflecting layer.
- 21.(original) Screen or panel according to claim 9, wherein  
said substrate is an amorphous carbon layer, overcoated  
with a reflecting layer.
- 22.(original) Screen or panel according to claim 10, wherein  
said substrate is an amorphous carbon layer, overcoated  
with a reflecting layer.

- 23.(original) Screen or panel according to claim 11, wherein  
said substrate is an amorphous carbon layer, overcoated  
with a reflecting layer.
- 24.(original) Screen or panel according to claim 12, wherein  
said substrate is an amorphous carbon layer, overcoated  
with a reflecting layer.
- 25.(original) Screen or panel according to claim 13, wherein  
said reflecting layer is an aluminum layer.
- 26.(original) Screen or panel according to claim 14, wherein  
said reflecting layer is an aluminum layer.
- 27.(original) Screen or panel according to claim 15, wherein  
said reflecting layer is an aluminum layer.
- 28.(original) Screen or panel according to claim 16, wherein  
said reflecting layer is an aluminum layer.
- 29.(original) Screen or panel according to claim 17, wherein  
said reflecting layer is an aluminum layer.
- 30.(original) Screen or panel according to claim 18, wherein  
said reflecting layer is an aluminum layer.
- 31.(original) Screen or panel according to claim 19, wherein  
said reflecting layer is an aluminum layer.

32.(original) Screen or panel according to claim 20, wherein  
said reflecting layer is an aluminum layer.

33.(original) Screen or panel according to claim 21, wherein  
said reflecting layer is an aluminum layer.

34.(original) Screen or panel according to claim 22, wherein  
said reflecting layer is an aluminum layer.

35.(original) Screen or panel according to claim 23, wherein  
said reflecting layer is an aluminum layer.

36.(original) Screen or panel according to claim 24, wherein  
said reflecting layer is an aluminum layer.

37.(currently amended) Image storage screen or panel  
comprising a binderless needle-shaped stimuable phosphor  
and a substrate, characterized in that said substrate has a  
surface roughness of less than 2  $\mu$ m and a reflectivity of  
more than 80% ~~Screen or panel according to claim 1,~~ wherein  
a moisture-repellent layer is present inbetween said  
substrate and said phosphor layer.

38-40.(cancelled)

41.(currently amended) Screen or panel according to claim 37  
~~claim 1,~~ wherein, adjacent to the said phosphor layer, a  
moisture-repellent layer is coated as an outermost layer.

- 42.(original) Screen or panel according to claim 4, wherein,  
adjacent to the said phosphor layer, a moisture-repellent  
layer is coated as an outermost layer.
- 43.(original) Screen or panel according to claim 7, wherein,  
adjacent to the said phosphor layer, a moisture-repellent  
layer is coated as an outermost layer.
- 44.(original) Screen or panel according to claim 13, wherein,  
adjacent to the said phosphor layer, a moisture-repellent  
layer is coated as an outermost layer.
- 45.(original) Screen or panel according to claim 37, wherein  
said moisture-repellent layer is a parylene layer.
- 46.(currently amended) Screen or panel according to claim 4  
~~claim 38~~, wherein said moisture-repellent layer is a  
parylene layer.
- 47.(currently amended) Screen or panel according to claim 7  
~~claim 39~~, wherein said moisture-repellent layer is a  
parylene layer.
- 48.(currently amended) Screen or panel according to claim 13  
~~claim 40~~, wherein said moisture-repellent layer is a  
parylene layer.
- 49-56.(cancelled)

57.(currently amended) A system for computed radiography  
comprising ~~Use of~~ a screen or panel according to claim 37  
~~in a system for computed radiography.~~

58-63.(cancelled)

64.(original) A mammographic system comprising ~~Use of~~ a screen  
or panel according to claim 57 ~~in mammographic~~  
~~applications.~~

65-66.(cancelled)